

Meeting Minutes



Date/Time: 30 May 2017

Location: Conference Call

Contract No.: W912DW-16-C-0012

Written By: H. B. Simpson

Present: USACE – Rod Zion; Karl Kunas; Darrick Godfrey
Amec Foster Wheeler – Eric Reitter; Spencer Archer; Hallie Bevan Simpson

Subject: **Weekly Status Meeting No. 13**
Bunker Hill Central Treatment Plant Upgrade Project, Kellogg, Idaho

ACTION ITEMS

No.	Item	Responsible	Anticipated Completion Date
5	Submit Pilot Testing Work Plan	AmecFW	TBD
20	Resubmit Submittal Register	AmecFW	5/26/17
28	Provide quarterly cost summary for USEPA reporting	AmecFW	TBD
45	Resubmit O&M Sampling and Analysis Plan	AmecFW	5/31/17
46	Respond to Design Package 1 comments in DrChecks	AmecFW	6/2/17
47	Confirm IDT approval of ROW	AmecFW	TBD

SUMMARY OF CALL

- I. Safety Moment – The By-Stander Effect is a phenomenon that occurs following an incident when people fail to act or become involved with the incident. Typically the more public a location and the more people there are surrounding an incident, the less apt people are to become involved. All personnel have a right and responsibility to stop work, recognize that a hazard exists, and take action. Personnel are encouraged to step in and offer help during any work-related incident.
- II. Schedule Review/Update
 - a. Initial Schedule has been submitted. USACE will review this week.
 - b. AmecFW submitted an alternative flocculant based on bench-scale testing. This flocculant would be provided by the same supplier as the current flocculant used in the Central Treatment Plant (CTP).
 - c. Design Package 1
 1. AmecFW has received comments from USACE. USACE noted that comments session closed on Friday (5/26). No additional comments are anticipated.
 2. AmecFW is working to address comments. Responses will be added to DrChecks.

- d. Design Package 2 is underway; submittal will be delayed by one or two weeks (anticipated submittal date is June 19) from the original Design Packaging Plan date. The delay is associated with the construction debris encountered during the geotechnical investigation.
- e. Design Package 3 is underway and ahead of schedule. This package is anticipated to be submitted on or around June 19.
- f. The Record Survey is nearly complete. The surveyor is working to pick up and confirm small areas as needed for tie-ins.
- g. For the geotechnical investigation test pit (for the area in which refusal was experienced), AmecFW is planning to complete the work this Thursday (6/1). AmecFW will notify USACE of the final scheduled time, as Rod would like to be present for this work.
- h. Slurry wall survey and Right-of-Way monuments – AmecFW checked with the surveyor, who has not received a response from the Idaho Department of Transportation (IDT) yet. AmecFW will follow up with IDT to confirm if/when they might provide a response.
- i. Construction contracts – only surveyor has been contracted. Progress on this will proceed once design packages are further along.
- j. The Filter Pilot Test Plan will be coordinated with suppliers and is planned for this summer.
- k. Environmental Protection Plan development will be initiated shortly.
- l. The SPCC Plan will be indicated as 100% complete. At this time, no SPCC Plan is needed.
- m. Upcoming work includes development of a Stormwater Pollution Prevention Plan, Work Zone Boundaries map(s), Decontamination Facilities map, Construction Site Plan, and a Traffic Control Plan for 2017 work.
- n. Crane Operators qualifications won't be required in 2017; this task will be postponed to 2018.
- o. The Contractor Quality Control Plan, Accident Prevention Plan, Activity Hazard Analyses, and an updated Site Safety and Health Plan are expected by the end of June for 2017 construction activities.
- p. The Operations and Monitoring Quality Assurance Project Plan and Sampling and Analysis Plan resubmittals are in internal review at this time and will be resubmitted to include dissolved oxygen and turbidity monitoring.
- q. The Submittal Register has been updated with dates and is being reviewed at this time. This is expected to be resubmitted by the end of this week.

- r. Fire Protection Specialist – certifications were provided for fire protection personnel in the DQC Plan. This submittal requirement will be reviewed and may cross-reference the DQC Plan.
- s. The Waste Materials Disposal Plan, Waste Management Plan, Decommissioning and Demolition (D&D) Plan, Staffing Plan, Field Sampling Plan, and O&M Philosophy are underway. The D&D Plan will include sludge removal for 2017; a separate D&D Plan will be prepared for demolition activities planned for 2018.
- t. A Staffing Plan was prepared with the Initial Transition Plan. A separate Staffing Plan will be prepared with the Commissioning Plan at a later date.
- u. The Field Sampling Plan was documented with the O&M Commissioning Plan. USACE clarified that this should include contaminated soils screening, special and unique sampling requirements during Commissioning, etc.
- v. The BIM Project Execution Plan is underway.

III. Review Meeting Minutes from Last Week – No comments were provided for Meeting #12.

IV. General Topics/Questions

- a. Summer 2017 Work – the following activities are planned for this year:
 - 1. Instead of demolishing the Polishing Pond this year, only sludge removal will commence in 2017. Demolition will be done in 2018.
 - 2. Control wells installation
 - 3. Pilot filter study
 - 4. Lime slurry tank corrosion repairs
 - 5. Temporary tie-in and pipeline construction
- b. Influent versus Effluent Flow Monitoring – The specifications require effluent flow monitoring. AmecFW is interested if influent flow monitoring could be provided to meet this requirement as this would provide additional benefits to operations of the CTP. USACE is discussing specific needs for effluent flow monitoring during interim operations with USEPA.
- c. Design Package #1 Government Review Comments
 - 1. AmecFW questioned if all reviewers understood the scope of the design package.
 - a) Comments questioned why a 105-foot thickener was proposed. USACE noted that a referral to AmecFW's proposal would be an appropriate response.
 - b) One reviewer commented that P&IDs were not provided in nearly a 60% state. AmecFW noted that P&IDs will not be complete at the end of this Design Package. USACE noted that submittal of draft P&IDs is

not typical for a government submittal, so some clarifications may be needed for the reviewers.

- c) Many comments seemed to be duplicates. USACE noted that reviewers do not coordinate comments, so the same response may be needed repeatedly.
- 2. USACE noted that it appeared that the RFP was missed or contradicted based on several comments. Rod will review AmecFW's responses and consider AmecFW's observations.
- 3. AmecFW will proceed with uploading responses to DrChecks. AmecFW noted that many responses will be clarifications as to how the design meets the specifications, rather than corrections to the design. If any comments appear to need more consideration, AmecFW will coordinate with Rod prior to uploading the response.
- 4. USACE will evaluate the responses and need for a design conference.

V. Review Action Items - Action Items were not discussed on this call.

VI. RFI Update

- a. Five outstanding RFIs are currently under review by USACE. USACE has provided responses to several; AmecFW will download and distribute those responses.
- b. Regarding RFI-0018, USACE asked if AmecFW has communicated with DEQ regarding ARARs. AmecFW will confirm that a conversation with DEQ has not been initiated yet.

VII. Plant Operations Update

- a. AmecFW provided an update on CTP O&M.
- b. AmecFW is monitoring lime usage closely, following the receipt of Pete Lien lime last week.
 - 1. Lime usage is tracked based on volumetric change in the silos, not on a mass basis.
 - 2. The new lime may have different void spaces (it's more uniformly graded and has fewer fines than the previous lime); therefore, different volumetric changes may be expected with respect to tonnage consumed.
 - 3. This will be tracked to determine if lime consumption has increased or if tonnage per volume is different for the new lime.
- c. Lime loop repair was initiated last Friday and is ongoing today. A small, 4-inch section of pipe is being replaced. The operators noted that this has been required several times in the past. No OMER is anticipated at this time.
- d. Lime Silo A motor replacement is anticipated.

VIII. Changes

- a. Lime slurry tank replacement is under review by AmecFW's contracting personnel.

IX. Other Items – N/A